

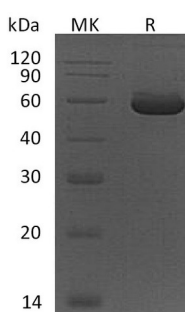
Product Name: Recombinant Human PEPD
Catalog #: PEH1301



Summary

Name	Peptidase D/PEPD/PRD
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Peptidase D is produced by our E.coli expression system and the target gene encoding Ala2-Lys493 is expressed.
Accession #	AAH28295.1
Host	E.coli
Species	Human
Predicted Molecular Mass	54.5 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 25 mM Tris-HCl, 100 mM Glycine, 10% Glycerol, pH 8.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Xaa-Pro dipeptidase; Imidodipeptidase; PeptidaseD; Prolinedipeptidase; PRD; PEPD
Background	PEPD belongs to the peptidase M24B family of Eukaryotic-type prolidase subfamily. PEPD is a cytosolic dipeptidase that hydrolyzes dipeptides with proline or hydroxyproline at the carboxy terminus. It is important in collagen metabolism

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because of the high levels of imino acids. Defects in PEPD are a cause of prolidase deficiency which is an autosomal recessive disorder associated with iminodipeptiduria.

Note

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